

[54] **AROMA-ENRICHED COFFEE PRODUCTS AND PROCESS**

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[58] Field of Search **426/594, 385, 386, 387,**
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[56] **References Cited**

U.S. PATENT DOCUMENTS

2,041,056	5/1953	Fleisher	426/281 X
2,825,190	3/1958	Heald	427/212 X
3,021,218	2/1962	Clinton et al.	426/384
3,035,922	5/1962	Mook et al.	426/387
3,406,074	10/1968	Klein et al.	426/478
3,704,132	11/1972	Strobel	426/594

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[57] **ABSTRACT**

An aromatized instant coffee comprising the combination of aroma-enriched carrier and instant coffee. The product has an aroma intensity of at least 70,000 gas chromatograph counts, a pore factor of at least 0.9, and a retention factor of at least 0.80. Also part of the invention are preferred methods of applying aroma-enriched carrier to coffee products whose roast and ground coffee aroma is desired to be increased. An especially preferred method comprises adding aroma frost-enriched coffee oil in a dropwise addition manner to the coffee product. In a most preferred embodiment, dropwise addition is accomplished by injection, preferably by a syringe member, which is extended from the open end of a coffee container to near the bottom of the container and while the syringe is being pulled upward out of said container a predetermined amount of aroma-enriched coffee oil is injected into the product.

36 Claims, No Drawings